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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kristoph D. Krug et al. Art Unit: 2311
Serial No.: 07/566,083 Examiner: G. Hayes
Filed : August 10, 1990
Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER OBJECTS

GROUP 2300

Commissioner of Patents and Trademarks
Washington, DC 20231

RESPONSE

In response to the Examiner's action mailed May 21, 1992, applicant responds as follows:

In the claims:

Sub 1
1. (Amended) A device for detecting a specific material that may be present in an ensemble of objects comprising [means]

B1
an x-ray source adapted to expose an area of the ensemble to x-ray radiation of two substantially different energy bands, [energies]

10/29/92
a detector, responsive to said source, adapted to detect radiation passing through said ensemble and to produce dual energy areal image information of [the] said ensemble, and [means]

a computer adapted to [computer-] process such dual energy information based on differences in attenuation between subareas of said exposed area to detect presence of said specific material by comparing [on the basis of comparisons of] selected

Date of Deposit Sept 21, 1992
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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